

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Magnolia denudata*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
67	1,8-CINEOLE	Bark				--
67	1,8-CINEOLE	Twig				--
67	1,8-CINEOLE	Leaf				--
67	1,8-CINEOLE	Flower				--
67	1,8-CINEOLE	Bulb				--
0	1-TERPINEN-4-OL	Twig				--
0	1-TERPINEN-4-OL	Leaf				--
0	1-TERPINEN-4-OL	Flower				--
0	1-TERPINEN-4-OL	Bulb				--
0	1-TERPINEN-4-OL	Bark				--
0	ALPHA-COPAENE	Bulb				--
0	ALPHA-COPAENE	Bark				--
0	ALPHA-COPAENE	Twig				--
0	ALPHA-COPAENE	Leaf				--
0	ALPHA-COPAENE	Flower				--
2	ALPHA-HUMULENE	Twig				--
2	ALPHA-HUMULENE	Leaf				--
2	ALPHA-HUMULENE	Flower				--
2	ALPHA-HUMULENE	Bulb				--
2	ALPHA-HUMULENE	Bark				--
0	ALPHA-MUROLENE	Flower				--
0	ALPHA-MUROLENE	Bulb				--
0	ALPHA-MUROLENE	Twig				--
0	ALPHA-MUROLENE	Leaf				--
28	ALPHA-PINENE	Twig				--
28	ALPHA-PINENE	Leaf				--
28	ALPHA-PINENE	Flower				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
28	ALPHA-PINENE	Bulb				--
28	ALPHA-PINENE	Bark				--
13	ALPHA-TERPINENE	Twig				--
13	ALPHA-TERPINENE	Leaf				--
13	ALPHA-TERPINENE	Bulb				--
13	ALPHA-TERPINENE	Bark				--
23	ALPHA-TERPINEOL	Twig				--
23	ALPHA-TERPINEOL	Leaf				--
23	ALPHA-TERPINEOL	Flower				--
23	ALPHA-TERPINEOL	Bulb				--
23	ALPHA-TERPINEOL	Bark				--
2	ARSENIC	Flower		0.55	0.9916678072574657	--
0	BETA-BOURBONENE	Twig				--
0	BETA-BOURBONENE	Flower				--
0	BETA-BOURBONENE	Bulb				--
0	BETA-BOURBONENE	Bark				--
0	BETA-CARYOPHYLLENE	Bark				--
0	BETA-CARYOPHYLLENE	Twig				--
0	BETA-CARYOPHYLLENE	Leaf				--
0	BETA-CARYOPHYLLENE	Flower				--
0	BETA-CARYOPHYLLENE	Bulb				--
5	BETA-ELEMENE	Leaf				--
5	BETA-ELEMENE	Twig				--
5	BETA-ELEMENE	Bulb				--
5	BETA-ELEMENE	Bark				--
13	BETA-EUDESMOL	Leaf				--
13	BETA-EUDESMOL	Flower				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
13	BETA-EUDESMOL	Bulb				--
13	BETA-EUDESMOL	Bark				--
13	BETA-EUDESMOL	Twig				--
13	BETA-PINENE	Twig				--
13	BETA-PINENE	Leaf				--
13	BETA-PINENE	Flower				--
13	BETA-PINENE	Bulb				--
13	BETA-PINENE	Bark				--
3	BETA-SELINENE	Twig				--
3	BETA-SELINENE	Leaf				--
3	BETA-SELINENE	Flower				--
3	BETA-SELINENE	Bulb				--
12	BORNYL-ACETATE	Bark				--
12	BORNYL-ACETATE	Twig				--
12	BORNYL-ACETATE	Leaf				--
12	BORNYL-ACETATE	Flower				--
12	BORNYL-ACETATE	Bulb				--
0	BURCHELLIN	Leaf				--
0	CALAMENENE	Leaf				--
0	CALAMENENE	Bulb				--
28	CALCIUM	Flower		8040.0	0.6278493156477706	--
9	CAMPHENENE	Flower				--
9	CAMPHENENE	Bulb				--
9	CAMPHENENE	Bark				--
9	CAMPHENENE	Twig				--
9	CAMPHENENE	Leaf				--
8	CARYOPHYLLENE-OXIDE	Bulb				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
8	CARYOPHYLLENE-OXIDE	Bark				--
8	CARYOPHYLLENE-OXIDE	Twig				--
8	CARYOPHYLLENE-OXIDE	Leaf				--
8	CARYOPHYLLENE-OXIDE	Flower				--
0	CINEOLE	Flower				--
0	CIS-3-HEXEN-1-OL	Leaf				--
0	CIS-3-HEXEN-1-OL	Flower				--
0	CIS-3-HEXEN-1-OL	Bark				--
0	CIS-3-HEXEN-1-OL	Bud				--
2	CITRONELLYL-ACETATE	Flower				--
2	CITRONELLYL-ACETATE	Bulb				--
2	CITRONELLYL-ACETATE	Bark				--
2	CITRONELLYL-ACETATE	Twig				--
2	CITRONELLYL-ACETATE	Leaf				--
12	COPPER	Flower		16.0	0.2755065970559217	--
7	CYANIDIN	Plant				--
0	CYANIDIN-GLYCOSIDE	Fruit				--
0	CYANIDIN-GLYCOSIDE	Flower				--
0	D-TRANS-NEROLIDOL	Twig				--
0	D-TRANS-NEROLIDOL	Leaf				--
0	D-TRANS-NEROLIDOL	Flower				--
0	D-TRANS-NEROLIDOL	Bulb				--
0	D-TRANS-NEROLIDOL	Bark				--
0	D-VERAGUENSIN	Leaf				--
9	DELTA-CADINENE	Twig				--
9	DELTA-CADINENE	Leaf				--
9	DELTA-CADINENE	Bulb				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
9	DELTA-CADINENE	Flower				--
9	DELTA-CADINENE	Bark				--
0	DENUDATIN-A	Leaf				--
1	DENUDATIN-B	Leaf				--
0	DENUDATONE	Leaf				--
2	ELEMOL	Twig				--
2	ELEMOL	Leaf				--
2	ELEMOL	Flower				--
2	ELEMOL	Bulb				--
2	ELEMOL	Bark				--
0	FUTOENONE	Leaf				--
0	GAMMA-MUROLENE	Flower				--
0	GAMMA-MUROLENE	Bulb				--
0	GAMMA-MUROLENE	Twig				--
0	GAMMA-MUROLENE	Leaf				--
11	GAMMA-TERPINENE	Leaf				--
11	GAMMA-TERPINENE	Bark				--
5	GERANYL-ACETATE	Twig				--
5	GERANYL-ACETATE	Leaf				--
5	GERANYL-ACETATE	Flower				--
5	GERANYL-ACETATE	Bulb				--
5	GERANYL-ACETATE	Bark				--
2	GERMACRENE-D	Bulb				--
2	GERMACRENE-D	Bark				--
2	GERMACRENE-D	Twig				--
2	GERMACRENE-D	Plant				--
2	GERMACRENE-D	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
6	IRON	Flower		320.0	0.9992398206216306	--
75	KAEMPFEROL	Plant				--
0	L-LINALOL	Twig				--
0	L-LINALOL	Leaf				--
0	L-LINALOL	Flower				--
0	L-LINALOL	Bulb				--
0	L-LINALOL	Bark				--
0	L-MAGNOCURARINE	Bark				--
1	LEUCOCYANIDIN	Leaf				--
60	LIMONENE	Flower				--
60	LIMONENE	Bulb				--
60	LIMONENE	Bark				--
60	LIMONENE	Twig				--
60	LIMONENE	Leaf				--
65	MAGNESIUM	Flower		2120.0	-0.5002813535669076	--
0	MAGNOFLORIN	Root				--
14	MANGANESE	Flower		42.0	-0.2442268195928705	--
1	MERCURY	Flower		0.14	0.39969621419118306	--
6	METHYL-CHAVICOL	Flower				--
22	MYRCENE	Leaf				--
22	MYRCENE	Flower				--
22	MYRCENE	Bulb				--
22	MYRCENE	Bark				--
22	MYRCENE	Twig				--
0	N-HEXANOL	Leaf				--
0	N-NONADECANE	Leaf Essent. Oil				--
0	N-PENTADECANE	Leaf Essent. Oil				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
5	NERYL-ACETATE	Twig				--
5	NERYL-ACETATE	Leaf				--
5	NERYL-ACETATE	Flower				--
5	NERYL-ACETATE	Bulb				--
5	NERYL-ACETATE	Bark				--
0	P-CYMEN-8-OL	Leaf				--
0	P-CYMEN-8-OL	Bulb				--
0	P-CYMEN-8-OL	Flower				--
16	P-CYMENE	Twig				--
16	P-CYMENE	Leaf				--
16	P-CYMENE	Flower				--
16	P-CYMENE	Bulb				--
16	P-CYMENE	Bark				--
0	PAEONIDIN-GLYCOSIDE	Fruit				--
0	PAEONIDIN-GLYCOSIDE	Flower				--
5	PINITOL	Bark				--
14	POTASSIUM	Flower		9780.0	-0.9735121081577731	--
176	QUERCETIN	Plant				--
87	RUTIN	Flower				--
5	SABINENE	Twig				--
5	SABINENE	Leaf				--
5	SABINENE	Flower				--
5	SABINENE	Bulb				--
5	SABINENE	Bark				--
0	SALICIFOLIN	Bark				--
1	SODIUM	Flower		71.0	-0.5780910976396079	--
77	ZINC	Flower		25.0	-0.4271677275654511	--